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PATENT APPLICATION

**BLOCK POLYMER PROCESSING FOR MESOSTRUCTURED INORGANIC
OXIDE MATERIALS**

5 ABSTRACT OF THE DISCLOSURE

Mesoscopically ordered, hydrothermally stable metal oxide-block copolymer composite or mesoporous materials are described herein that are formed by using amphiphilic block copolymers which act as structure directing agents for the

10 metal oxide in a self-assembling system.